

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A golf ball comprising a cover, wherein the cover is made from a cover material including a cured product of a thermosetting resin composition; and the stiffness modulus and shore D hardness of the cover material satisfy the following equation[.]:

$$2.0 \leq A/B \leq 5.0, \quad 40 \leq B \leq 60$$

A: Stiffness modulus (MPa)

B: Shore D hardness.

2. (Currently Amended) A golf ball according to claim 1, wherein the stiffness modulus and shore D hardness of the cover material satisfy the following equation[.]:

$$2.0 \leq A/B \leq 4.0.$$

3. (Original) A golf ball according to claim 1, wherein the stiffness modulus of the cover material is 80 to 260 MPa.

4. (Currently Amended) A golf ball according to ~~claim 1~~  
claim 1, wherein the shore D hardness of the cover material is 45 to 55 MPa.

5. (Original) A golf ball according to claim 1, wherein the thermosetting resin composition contains a thermosetting urethane resin composition.

6. (New) A method of producing a golf ball having a cover made from a material including a cured product of thermosetting resin composition comprising:

selecting a cover material satisfying the following equation:

$$2.0 \leq A/B \leq 5.0$$

$$40 \leq B \leq 60$$

A: Stiffness modulus (MPa)

B: Shore D hardness; and

covering a ball body with the cover material.

7. (New) The method according to claim 6, wherein the stiffness modulus and shore D hardness of the cover material satisfy the following equation:

$$2.0 \leq A/B \leq 4.0.$$

8. (New) The method according to claim 6, wherein the stiffness modulus of the cover material is 80 to 260 MPa.

9. (New) The method according to claim 6, wherein the shore D hardness of the cover material is 45 to 55.

10. (New) The method according to claim 6, wherein the thermosetting resin composition contains a thermosetting urethane resin composition.